

ABSTRACT

The present invention provides a cove illumination module for use in a plurality of illumination applications wherein a particular type of cove type illumination pattern is desired due to close proximity between the cove illumination module and a to-be-
5 illuminated surface. The cove illumination module comprises a substrate to which a plurality of light-emitting elements is operatively connected. Optionally, the substrate can form a base portion of the cove illumination module. An external housing unit is sealingly mated with the substrate in order to environmentally seal the light-emitting elements. The external housing unit comprises one or more optical elements which can
10 shape the beams of light emitted by the light-emitting elements under operating conditions and generate a desired illumination pattern on a lit surface, thereby providing a cove type illumination pattern.